

Customer No.	026418	
Attorney's Docket No.:	GK-ZEI-3126 / 500343.20127	
U.S. Application No.:	09/856,222	
International Application No.:	PCT/EP00/09199	
International Filing Date:	SEPTEMBER 20, 2000	20 SEPTEMBER 2000
Priority Date Claimed:	SEPTEMBER 29, 1999	29 SEPTEMBER 1999
Title of Invention:	MICROSCOPE, ESPECIALLY MICROSCOPE USED FOR INSPECTION IN SEMICONDUCTOR MANUFACTURE	
Applicant(s) for (DO/EO/US):	Thomas ENGEL, Wolfgang HARNISCH and Roland SCHELER	

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☐ 1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
- ☒ 2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
- ☐ 3. This express request to begin national examination procedures [35 U.S.C. 371 (f)] at any time rather than delay examination until the expiration of the applicable time limit set forth in 35 U.S.C. 371(b) and PCT Articles 22 and
- ☐ 4. A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
- ☐ 5. A copy of the International Application as filed [35 U.S.C. 371(c)(2)]
- a) ☐ is transmitted herewith (required only if not transmitted by the International Bureau)
- b) ☐ has been transmitted by the international Bureau
- c) ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
- ☒ 6. A translation of the International Application into English [35 U.S.C. 371(c)(2)]
- ☐ 7. Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]
- a) ☐ are transmitted herewith (required only if not transmitted by the International Bureau)
- b) ☐ have been transmitted by the International Bureau
- c) ☐ have not been made; however, the time limit for making such amendments has **NOT** expired.
- d) ☐ have not been made and will not be made
- ☐ 8. A translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)]
- ☒ 9. An Oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)]
- ☐ 10. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)]

Items 11. to 16. Below concern other document(s) or information included:

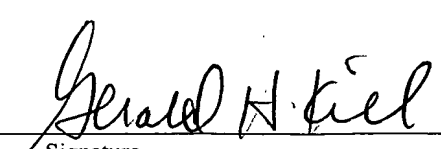
- ☒ 11. An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98
- ☐ 12. An Assignment document for recording. A separate cover sheet (PTO-1619A) in compliance with 37 CFR 3.28 and 3.31 is included.
- ☒ 13. ☒ A **FIRST** preliminary amendment
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment
- ☒ 14. A **substitute specification and Abstract of the Disclosure** (are attached to the Preliminary Amendment)
- ☐ 15. A change of power of attorney and/or address letter
- ☒ 16. (other items or information) **Marked-up/Hi-lighted specification and Abstract; Search Report (PCT/ISA/210) dated 6MAR01, PTO-1449 with 5/references.**

EXPRESS MAIL No.: **EL 915 669 961 US**

Deposited: **August 20, 2001**

I hereby certify that this correspondence is being deposited with the United States Postal Service Express mail under 37 CFR 1.10 on the date indicated above and is addressed to: BOX PCT, Commissioner for Patents, Washington, DC 20231.


/Ruth Montalvo Date: **August 20, 2001**

CALCULATIONS					PTO USE ONLY	
[] 17. The following fees are submitted: <div style="margin-left: 40px;">BASIC NATIONAL FEE [37 CFR 1.492(a)(1)-(5)]</div>						
[] Search Report has been prepared by the EPO or JPO.....					\$ 860.00	
[] International preliminary examination fee paid to USPTO [37 CFR 1.482].....					\$ 690.00	
[] No International preliminary examination fee paid to USPTO [37 CFR 1.482] but International search fee paid to USPTO [37 CFR 1.445(a)(2)].....					\$ 710.00	
[] Neither International preliminary examination fee [37 CFR 1.482] nor International search fee [37 CFR 1.445(a)(2)] paid to USPTO.....					\$ 1,000.00	
[] International preliminary examination fee paid to USPTO [37 CFR 1.482] and all claims satisfied provisions of PCT Article 33(1)-(4).....					\$ 100.00	
ENTER APPROPRIATE BASIC FEE AMOUNT:						
Claims	Number Filed		Number Extra	Rate		
Total Claims		-20		x \$ 18. =		
Indep. Claims		-03		x \$ 80. =		
[] Multiple Dependent Claim(s) (if applicable)				+ \$ 270. =		
TOTAL OF ABOVE CALCULATIONS:						
Surcharge of \$130.00 for furnishing the oath or declaration later than [X] 20 [] 30 months from the earliest claimed priority date [37 CFR 1.492(e)]					\$130.00	
TOTAL OF ABOVE CALCULATIONS:					\$130.00	
Applicant claims Small Entity Status [See 37 CFR 1.27] Reduction by 1/2 for filing by small entity						
SUBTOTAL:					\$130.00	
Processing fee of \$130.00 for furnishing the English Translation later than [X] 20 [] 30 months from the earliest claimed priority date [37 CFR 1.492(f)]					\$130.00	
TOTAL NATIONAL FEE:					\$260.00	
Fee for recording the enclosed assignment [37 CFR 1.21(h)] The assignment must be accompanied by an appropriate cover sheet (PTO-1595) [37 CFR 3.28, 3.31]. \$ 40.00 per property +						
TOTAL FEE(S):					\$260.00	
AMOUNTS TO BE REFUNDED OR CHARGED					REFUNDED	\$
					CHARGED	\$
[X] Check in the amount of \$ 260.00 to cover the above fees is enclosed. (The Commissioner is hereby authorized to charge any additional fees required with this submission or to credit any overpayment to Deposit Account No: 50-1529.)						
NOTE: Where an appropriate time limit under 36 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the application to pending status.						
SEND ALL CORRESPONDENCE TO: Gerald h. Kiel, Esq. (Customer No. 026418) Reed Smith LLP 375 Park Avenue New York, NY 10152 <div style="display: flex; justify-content: space-between;"> <div> <u>Gerald H. Kiel</u> Name (Tel. (212) 521-5400) </div> <div style="text-align: center;">  Signature </div> <div style="text-align: right;"> <u>25,116</u> Reg. No. </div> <div style="text-align: right;"> <u>August 20, 2001</u> Date </div> </div>						

08/24/2001 LLANDGRA 00000006 09856222

01 FC:154
02 FC:156130.00 DP
130.00 DP

A

UNITED STATES PATENT AND TRADEMARK OFFICE ANNEX U.S. 111

VERIFICATION OF A TRANSLATION

I, the below named translator, hereby declare that:

My name and post office address are as stated below;

That I am knowledgeable in the English language and in the language in which the below-identified international application was filed, and that I believe the English translation of the international application

PCT/EP00/09199, filed September 20, 2000

is a true and complete translation of the above-identified international application as filed.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: 6/27/2001

Full name of the translator: Bettina Cornelia Price

Signature of the translator:

Bettina

Post Office Address:

57, Beech Lane, Earley, Reading, RG6 5QA, U.K.



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT
United States Patent and Trademark Office
Washington, D.C. 20231
www.uspto.gov

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/856222	ENGEL	GR-ZEI-3126
026418 5071		
REED SMITH LLP		
375 PARK AVENUE		
NEW YORK NY 10152		
INTERNATIONAL APPLICATION NO.		
PCT/EP00/09199		
I.A. FILING DATE		PRIORITY DATE
09/20/00		09/29/99

DATE MAILED: 06/20/01

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as:
- ☒ a Designated Office (37 CFR 1.494) ☐ an Elected Office (37 CFR 1.495):
 - ☒ U.S. Basic National Fee. ☐ Indication of Small Entity Status.
 - ☒ Copy of the international application. ☐ Translation of the international application into English.
 - ☐ Oath or Declaration of inventors(s). ☐ Translation of Article 19 amendments into English.
 - ☐ Copy of Article 19 amendments. ☐ Other:
 - ☒ Priority Document.
 - ☐ The International Preliminary Examination Report in English and its Annexes, if any.
 - ☐ Translation of Annexes to the International Preliminary Examination Report into English.
2. ☐ Applicant has requested early processing under 35 U.S.C. 371(f) but has not filed the following indicated items and/or the indicated items in paragraph 3 below. The Basic National Fee and the copy of the international application must be filed prior to 20 or 30 months from the priority date to avoid abandonment.
- ☐ U.S. Basic National Fee.
 - ☐ Copy of the international application.
3. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:
- ☒ a. Translation of the application into English. A processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.
 - ☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.
 - ☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).
 - ☒ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), properly identifying the application (preferably by the International application number and international filing date). A surcharge will be required if submitted later than the appropriate 20 or 30 months from the priority date.
 - ☐ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.
 - ☒ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).
4. Additional claim fees of \$ _____ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due (37 CFR 1.492(g)). See attached PTO-875.
5. ☐ Applicant has not submitted the required sequence listing pursuant to 37 CFR 1.821-1.825. See attached PCT/DO/EO/920.

ALL OF THE ITEMS SET FORTH IN 3(a)-3(d), 4 AND 5 ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 22 OR 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

6. If box 3a or 3c is checked, a translation of the Annexes **MUST** be submitted no later than the time period set above or the Annexes will be cancelled. A processing fee will be required if submitted later than 20 or 30 months from the priority date.
7. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

A copy of this notice MUST be returned with this response.

Enclosed: ☐ PCT/DO/EO/917 ☐ Notice of Defective Translation
☐ PTO-875 ☐ PCT/DO/EO/920

Lamont Hunter, Paralegal

Telephone: 703.305-3686

FORM PCT/DO/EO/905 (March 2001)

DOCKET

DUE

July 20, 2001 Executed Declaration & Translation Due